

IN THE CLAIMS:

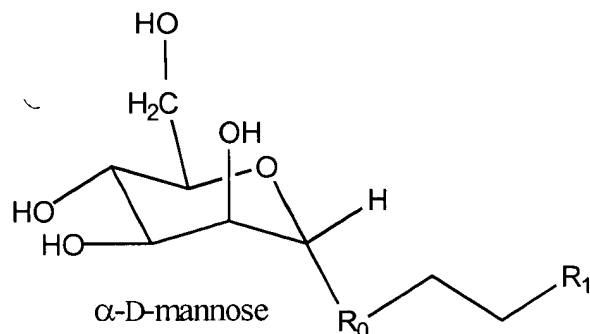
Claims 1-9 were previously cancelled. Claim 10 has been amended herein. New claims 19-36 are presented herein. All of the pending claims are presented below. This listing of claims will replace all prior versions and listings of claims in the application. Please enter these claims as amended.

Listing of the Claims:

1-9. (Cancelled).

10. (Previously presented) A method of treating a subject suffering from an infection of a Gram-negative bacterium, said method comprising:

providing a subject suffering from an infection of a Gram-negative bacterium with a composition comprising:



wherein $R_0 = O, CH_2$ or S

-R₁ = -CH₂CH₃ (ethyl), or
 -CH₂CH₂CH₃ (n-propyl), or
 -CH₂CH₂CH₂COOH (3-carboxypropyl), or
 -CH₂CH₂CH₂CHO (4-oxobutyl), or
 -CH₂CH₂CH₂CH₃ (n-butyl), or
 -CH₂CH₂CH₂CF₃ (4,4,4-trifluorobutyl), or
 -CH₂CH₂CH₂CH₂OH (4-hydroxybutyl), or
 -CH₂CH₂CH₂CH₂CHO (5-oxopentyl), or
 -CH₂CH₂CH₂CH₂CH₃ (n-pentyl), or
 -CH₂CH₂CH₂CH₂CF₃ (5,5,5-trifluoropentyl), or
 -CH₂CH₂CH₂CH₂COOH (4-carboxybutyl), or
 -CH₂CH₂CH₂CH₂NH₂ (4-aminobutyl), or
 -C₆H₁₁OH (4-hydroxycyclohexyl), or
 -C₆H₁₁CF₃ (4-trifluoromethylcyclohexyl), or
 -C₆H₅ (phenyl), or
 -C₆H₄OH (p-hydroxyphenyl), or
 -C₆H₄NH₂ (p-aminophenyl), or
 -C₆H₄NO₂ (p-nitrophenyl), or
 -C₆H₄COOH (p-carboxyphenyl), or
 -C₆H₄CH₃ (p-methylphenyl), or
 -C₆H₄CF₃ (p-trifluoromethylphenyl), or
 -C₆H₄CHO (p-formylphenyl), or
 -C₄H₅N₂ (pyrimidyl), or
 -C₄H₄N₂OH (2-hydroxypyrimidyl), or
 -C₆H₁₁ (cyclohexyl)

11. (Previously presented) The method according to claim 10, wherein said Gram-negative bacterium comprises a type-1 pilus.

12. (Previously presented) The method according to claim 10, wherein said Gram-negative bacterium is selected from the group consisting of *Klebsiella pneumoniae*, *Haemophilus influenza*, *Shigella species*, *Salmonella typhimurium*, *Bordetella pertussis*, *Yersinia enterocolitica*, *Helicobacter pylori*, *Proteus species* and *Escherichia coli*.

13. (Previously presented) The method according to claim 10, wherein said infection is a urinary tract infection.

14. (Previously presented) The method according to claim 13, wherein said urinary tract infection is caused by *E. coli*.

15. (Withdrawn) The method according to claim 10, wherein said infection is a gastrointestinal infection.

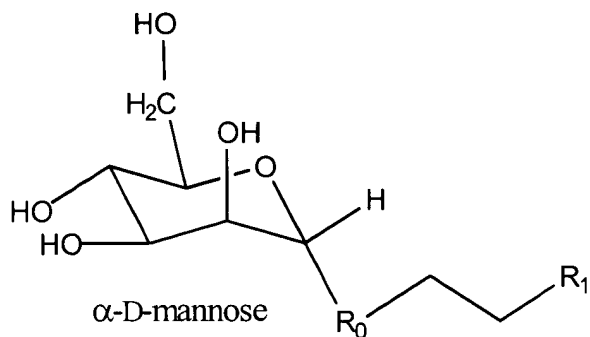
16. (Withdrawn) The method according to claim 15, wherein said gastrointestinal infection is caused by *Escherichia*, *Salmonella*, *Shigella* and/or *Yersinia* species.

17. (Withdrawn) The method according to claim 10, wherein said infection is a pulmonary infection.

18. (Withdrawn) The method according to claim 17, wherein said pulmonary infection is caused by *Haemophilus influenzae*, *Bordetella pertussis* and/or *Klebsiella* species.

19. (New) A method of treating a subject suffering from an infection of a Gram-negative bacterium, said method comprising:

providing a subject suffering from an infection of a Gram-negative bacterium with a composition comprising:



wherein R_0 = O, CH_2 , or S; and

wherein R_1 = $-CH_2CH_2CH_2CH_2CH_3$ (n-pentyl),
 $-CH_2CH_2CH_2CH_2CH_2CH_3$ (n-hexyl),
 $-CH_2CH_2CH_2CH_2CH_2CH_2CH_3$ (n-heptyl), or
 $-CH_2CH_2CH_2CH_2CH_2CH_2CH_2CH_3$ (n-octyl).

20. (New) The method according to claim 19, wherein said Gram-negative bacterium comprises a type-1 pilus.

21. (New) The method according to claim 19, wherein said Gram-negative bacterium is selected from the group consisting of *Klebsiella pneumoniae*, *Haemophilus influenza*, *Shigella* species, *Salmonella typhimurium*, *Bordetella pertussis*, *Yersinia enterocolitica*, *Helicobacter pylori*, *Proteus* species and *Escherichia coli*.

22. (New) The method according to claim 19, wherein said infection is a urinary tract infection.

23. (New) The method according to claim 22, wherein said urinary tract infection is caused by *E. coli*.

24. (New and Withdrawn) The method according to claim 19, wherein said infection is a gastrointestinal infection.

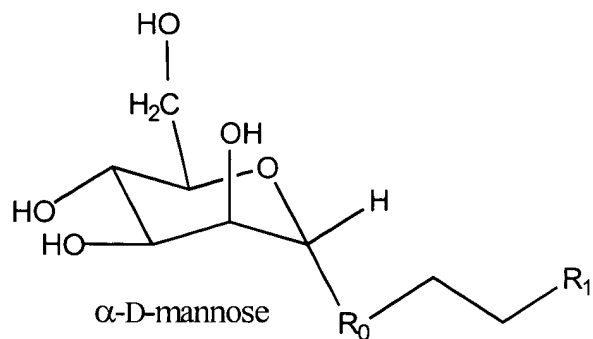
25. (New and Withdrawn) The method according to claim 24, wherein said gastrointestinal infection is caused by *Escherichia*, *Salmonella*, *Shigella* or *Yersinia* species.

26. (New and Withdrawn) The method according to claim 19, wherein said infection is a pulmonary infection.

27. (New and Withdrawn) The method according to claim 26, wherein said pulmonary infection is caused by *Haemophilus influenzae*, *Bordetella pertussis* or *Klebsiella* species.

28. (New) A method of treating a subject suffering from an infection of a Gram-negative bacterium, said method comprising:

providing a subject suffering from an infection of a Gram-negative bacterium with a composition comprising:



wherein $R_0 = \text{CH}_2$; and

wherein $R_1 = -\text{CH}_2\text{CH}_3$ (ethyl),

$-\text{CH}_2\text{CH}_2\text{CH}_3$ (n-propyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{COOH}$ (3-carboxypropyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CHO}$ (4-oxobutyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ (n-butyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CF}_3$ (4,4,4-trifluorobutyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ (4-hydroxybutyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CHO}$ (5-oxopentyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ (n-pentyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CF}_3$ (5,5,5-trifluoropentyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{COOH}$ (4-carboxybutyl), or

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{NH}_2$ (4-aminobutyl),

or

wherein $R_0 = \text{O}$ or S ; and

wherein $R_1 = -\text{CH}_2\text{CH}_2\text{CH}_3$ (n-propyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{COOH}$ (3-carboxypropyl),

$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CHO}$ (4-oxobutyl),

-CH₂CH₂CH₂CH₃ (n-butyl),
-CH₂CH₂CH₂CF₃ (4,4,4-trifluorobutyl),
-CH₂CH₂CH₂CH₂OH (4-hydroxybutyl),
-CH₂CH₂CH₂CH₂CHO (5-oxopentyl),
-CH₂CH₂CH₂CH₂CH₃ (n-pentyl),
-CH₂CH₂CH₂CH₂CF₃ (5,5,5-trifluoropentyl),
-CH₂CH₂CH₂CH₂COOH (4-carboxybutyl),
-CH₂CH₂CH₂CH₂NH₂ (4-aminobutyl), or
-CH₂CH₂CH₂CH₂CH₂CH₃ (n-hexyl),

29. (New) The method according to claim 28, wherein said Gram-negative bacterium comprises a type-1 pilus.

30. (New) The method according to claim 28, wherein said Gram-negative bacterium is selected from the group consisting of *Klebsiella pneumoniae*, *Haemophilus influenza*, *Shigella species*, *Salmonella typhimurium*, *Bordetella pertussis*, *Yersinia enterocolitica*, *Helicobacter pylori*, *Proteus species* and *Escherichia coli*.

31. (New) The method according to claim 28, wherein said infection is a urinary tract infection.

32. (New) The method according to claim 31, wherein said urinary tract infection is caused by *E. coli*.

33. (New and Withdrawn) The method according to claim 28, wherein said infection is a gastrointestinal infection.

34. (New and Withdrawn) The method according to claim 33, wherein said gastrointestinal infection is caused by *Escherichia*, *Salmonella*, *Shigella* or *Yersinia species*.

35. (New and Withdrawn) The method according to claim 28, wherein said infection is a pulmonary infection.

36. (New and Withdrawn) The method according to claim 35, wherein said pulmonary infection is caused by *Haemophilus influenzae*, *Bordetella pertussis* or *Klebsiella* species.